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1 Topical web crawlers: Evaluating adaptive algorithms
Filippo Menczer, Gautam Pant, Padmini Srinivasan
November 2004 **Transactions on Internet Technology (TOIT)** , Volume 4
Publisher: ACM ✍ Request Permissions
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Topical crawlers are increasingly seen as a way to address the scalabilit
by distributing the crawling process across users, queries, or even clien
such crawlers can guide ...

Keywords: Efficiency, evaluation, evolution, exploitation, exploration, i

2 User language model for collaborative personalized search
Gui-Rong Xue, Jie Han, Yong Yu, Qiang Yang
February 2009 **Transactions on Information Systems (TOIS)** , Volume 27
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Full text available: 📄 Pdf (395.73 KB)   Additional Information: full citation, abstra

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Traditional personalized search approaches rely solely on individual prof
often confronted by two major problems: data sparseness and cold-star
refers to the fact that most ...

Keywords: Collaborative personalized search, clustering, cold-start, da
language model

3 Efficient query processing in geographic web search engines
Yen-Yu Chen, Torsten Suel, Alexander Markowetz
June 2006 **SIGMOD '06:** Proceedings of the 2006 ACM SIGMOD internat
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Full text available: 📄 Pdf (296.76 KB)   Additional Information: full citation, abstra

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Geographic web search engines allow users to constrain and order searc
focusing a query on a particular geographic region. Geographic search t
recently received significant ...

4 Mapping geographic coverage of the web
Robert Pasley, Paul Clough, Ross S. Purves, Florian A. Twaroch

November 2008 **GIS '08:** Proceedings of the 16th ACM SIGSPATIAL interna geographic information systems

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In this paper, we describe a methodology to estimate the geographic co secondary knowledge or complex geo-tagging. This is achieved by rand Ordnance Survey 50K gazetteer to create ...

Keywords: gazetteers, geographic information retrieval, geographic re

5 Discovering frequent work procedures from resource connections
◈ Jianqiang Shen, Erin Fitzhenry, Thomas G. Dietterich
February 2009 **IUI '09:** Proceedingsc of the 13th international conference c

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Full text available: 📄 Pdf (704.63 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 151, Downl

Intelligent desktop assistants could provide more help for users if they c workflows. However, discovering desktop workflows is difficult because time (days or weeks) and they are interleaved ...

Keywords: automated assistance, data mining, intelligent interfaces, p workflow

6 Random sampling from a search engine's index
◈ Ziv Bar-Yossef, Maxim Gurevich
October 2008 **Journal of the ACM (JACM)** , Volume 55 Issue 5

Publisher: ACM ◈ Request Permissions

Full text available: 📄 Pdf (848.23 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 34, Downloads (12 Months): 384, Downl

We revisit a problem introduced by Bharat and Broder almost a decade the corpus of documents indexed by a search engine, using only the sea Such a primitive is particularly useful ...

Keywords: Benchmarks, sampling, search engines, size estimation

7 Automatic retrieval of similar content using search engine query inter
◈ Ali Dasdan, Paolo D'Alberto, Santanu Kolay, Chris Drome
November 2009 **CIKM '09:** Proceeding of the 18th ACM conference on Infor

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Full text available: 📄 Pdf (1.09 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 29, Downlo

We consider the coverage testing problem where we are given a docum interface and asked to find if the corpus contains a near-duplicate of the applications in search engines for competitive ...

Keywords: coverage, keyword extraction, query generation, random s

8 Semantic representation of context models: a framework for analyzir

Salma Najar, Oumaima Saidani, Manuele Kirsch-Pinheiro, Carine Souveyet

June 2009   **CiAO '09: Proceedings of the 1st Workshop on Context, Infor**

Publisher: ACM ◈ Request Permissions

Full text available: 📄 Pdf (368.00 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 164, Downl

Context-aware systems are applications that adapt themselves to sever
data, hardware and the application itself. In this paper, we review sever
domains: content adaptation, ...

Keywords: businesses process, context modeling, context-aware comp

9 Complex queries over web repositories

Sriram Raghavan, Hector Garcia-Molina

September 2003 **VLDB '2003: Proceedings of the 29th international cc
Volume 29** , Volume 29

Publisher: VLDB Endowment

Full text available: 📄 Pdf (1.09 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 34, Downloa

Web repositories, such as the Stanford WebBase repository, manage lar
pages and associated indexes. For effective analysis and mining, these i
query interface that supports complex ...

10 Harp: a distributed query system for legacy public libraries and struc

Ee-Peng Lim, Ying Lu

July 1999   **Transactions on Information Systems (TOIS)** , Volume 17 Is

Publisher: ACM ◈ Request Permissions

Full text available: 📄 Pdf (196.58 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 31, Downloa

The main purpose of a digital library is to facilitate users easy access to
information. Typically, this information includes preexisting public librar
collections, and other databases. ...

Keywords: Internet databases, digital libraries, interoperable database

11 The use of dynamic contexts to improve casual internet searching

Gondy Leroy, Ann M. Lally, Hsinchun Chen

July 2003   **Transactions on Information Systems (TOIS)** , Volume 21 Is

Publisher: ACM ◈ Request Permissions

Full text available: 📄 Pdf (231.61 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 90, Downlo

Research has shown that most users' online information searches are su
a relevance feedback or genetic algorithm using dynamic query context:
Internet. These algorithms can draw on ...

Keywords: Information retrieval, Internet, automatic query expansion,
feedback, personalization, relevance feedback

12

Interest-based personalized search

Zhongming Ma, Gautam Pant, Olivia R. Liu Sheng

February 2007 **Transactions on Information Systems (TOIS)** , Volume 25

Publisher: ACM ◇ Request Permissions

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Bibliometrics: Downloads (6 Weeks): 48, Downloads (12 Months): 384, Downl

> Web search engines typically provide search results without considering
> personalized search approach that can easily extend a conventional sea
> mapping framework automatically maps ...

> **Keywords**: Open Directory, Personalized search, World Wide Web, info
> interface

13 Categorizing web queries according to geographical locality

Luis Gravano, Vasileios Hatzivassiloglou, Richard Lichtenstein

November 2003 **CIKM '03:** Proceedings of the twelfth international confere
          management

Publisher: ACM ◇ Request Permissions

Full text available: 🔳 Pdf (545.74 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 98, Downlo

> Web pages (and resources, in general) can be characterized according t
> example, a web page with general information about wildflowers could b
> of interest to a geographically ...

> **Keywords**: information retrieval, query classification, query modificatic

14 AUGUR: providing context-aware interaction support

Melanie Hartmann, Daniel Schreiber, Max Mühlhäuser

July 2009   **EICS '09:** Proceedings of the 1st ACM SIGCHI symposium on
          systems

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Full text available: 🔳 Pdf (1.09 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 45, Downlo

> As user interfaces become more and more complex and feature laden, u
> possibility to counter this effect are intelligent support mechanisms. In t
> that provides context-aware interaction ...

> **Keywords**: context, intelligent user interfaces, task model

15 The swisshouse: an inhabitable interface for connecting nations

Jeffrey Huang, Muriel Waldvogel

August 2004 **DIS '04:** Proceedings of the 5th conference on Designing inte
          methods, and techniques

Publisher: ACM

Full text available: 🔳 Pdf (2.57 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 55, Downloa

> We present the Swisshouse, a novel type of "inhabitable interface" that
> communication and cultural awareness of habitants in different nations.
> users to collaborate and be aware of each ...

Keywords: cooperative buildings, inhabitable interfaces, interactive spa

16 *Passages through time*: chronicling users' information interaction his
read
Karl Gyllstrom
February 2009 **IUI '09:** Proceedingsc of the 13th international conference c
Publisher: ACM ◇ Request Permissions
Full text available: 📄 Pdf (1.61 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 158, Downl

The *Passages* system enhances information management by maintainin
user ever reads or edits, and making this chronicle available for rich ten
information workspace. Passages ...

Keywords: context, information retrieval, time-machine computing

17 Shine: search heterogeneous interrelated entities
Xuanhui Wang, Jian-Tao Sun, Zheng Chen
November 2007 **CIKM '07:** Proceedings of the sixteenth ACM conference or
knowledge management
Publisher: ACM ◇ Request Permissions
Full text available: 📄 Pdf (341.44 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 67, Downlo

Heterogeneous entities or objects are very common and are usually inte
scenarios. For example, typical Web search activities involve multiple ty
users, Web pages, and search queries. ...

Keywords: heterogeneous interrelated entities, multiple types, search,

18 A framework for rapid integration of presentation components
Jin Yu, Boualem Benatallah, Regis Saint-Paul, Fabio Casati, Florian Daniel,
May 2007 **WWW '07:** Proceedings of the 16th international conference c
Publisher: ACM
Full text available: 📄 Pdf (402.78 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 181, Downl

The development of user interfaces (UIs) is one of the most time-consu
In this context, the lack of proper reuse mechanisms for UIs is increasir
software development is more and ...

Keywords: XPIL, component model, presentation component, presenta
integration, user interface (UI)

19 A fedora librarian interface
David Bainbridge, Ian H. Witten
June 2008   **JCDL '08:** Proceedings of the 8th ACM/IEEE-CS joint conferen
Publisher: ACM ◇ Request Permissions
Full text available: 📄 Pdf (2.15 MB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 151, Downl

The Fedora content management system embodies a powerful and flexi
describes a new open-source software front-end that enables end-user
metadata in a variety of formats into a Fedora ...

Keywords: end-user collection building, fedora digital repository, grapl

20 An interactive, smart notepad for context-sensitive information seekii
Jie Lu, Michelle X. Zhou
February 2009 **IUI '09:** Proceedingsc of the 13th international conference c
Publisher: ACM ◈ Request Permissions
Full text available: Pdf (786.89 KB)   Additional Information: full citation, abstra

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 225, Downl

We are building an interactive, smart notepad system where users ente
information-seeking process. In this paper, we focus on describing our v
interpretation of user notes in context to ...

Keywords: automatic query formulation, context-sensitive informatior
retrieval